

(I) PIONEER

The Art of Entertainment

DEH-880/UC



ORDER NO. CRT1454

HIGH-POWER COMPACT DISC PLAYER WITH FM/AM TUNER

DEH-880

HIGH-POWER COMPACT DISC PLAYER WITH RDS TUNER

DEH-880RDS

HIGH-POWER COMPACT DISC PLAYER WITH FM/MW/LW TUNER

DEH-890

ΞW



UC

EW

• This additional service manual is designed to be used together with Model DEH-M980/UC Service Manual(CRT1450). Refer to it for finding parts numbers, adjustment and circuit descrption, etc. which are not shown in this manual.

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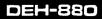
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PIONEER ELECTRONIC CORPORATION 4-1, Meguro 1-Chome, Meguro-ku, Tokyo 153, Japan PIONEER ELECTRONICS SERVICE INC. P.O. Box 1760, Long Beach, California 90801 U.S.A. PIONEER ELECTRONICS OF CANADA, INC. 505 Cochrane Drive, Markham, Ontario L3R 8E3 Canada

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1. ELECTRICAL PARTS LIST

NOTE:

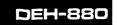
- Parts whose parts numbers are omitted are subject to being not supplied.
- The part numbers shown below indicate chip components.

Chip Resistor

RS1/_S___J,RS1/__S___J

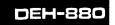
Chip Capacitor (except for CQS.....)
CKS....., CCS....., CSZS.....

Unit Number : CWE1236 Unit Name : FM/AM U	B Init (DEH-880RDS/EW)			Part No.
MISCELLANEOUS				RS1/16S560J RS1/16S0R0J
MIOGELETALEGGO				RS1/16S0RQJ
Circuit Cumbal 9	No. Part Name=====	Part No.		
=====Circuit Symbol &				RS1/16S822J
			R 57	RS1/16S472J
IC 51		PA4012B		
IC 201		PA4018	R 58	RS1/16S563J
Q 1 2		DTC124EU	R 59	RS1/16S331J
Q 3 71 101 123		2SC4116	R 60 F	RS1/16S473J
Q 51		DTA114TU	R 61 105	RS1/16S332J
			R 64 151 152 F	RS1/16S222J
Q 121		IMZ1		
Q 122		FMS1	R 65	RS1/16S273J
Q 201		FC12		RS1/16S103J
Q 203 205		DTC124EU		RS1/16S123J
Q 241		2SC2712		RS1/16S103J
Q 241		2002/12		RS1/16S331J
D 51		MA143-MC	n /4	131/1033311
		MA157-MR	D 70	004/4600041
D 201 204 D 205		SVC203CP		RS1/16S221J
	In division			RS1/10S331J
L 1 51	Inductor	LYS150K		RS1/16S472J
L 2	Inductor	LPSQR22K		RS1/16S683J
			R 108 122	RS1/16S104J
L 71	Inductor	LPSQ3R9K		
L 101	Inductor	CTF1126	• • • • • • • • • • • • • • • • • • • •	RS1/10S123J
L 201	Coil	CTB1068	R 112 F	RS1/16S684J
L 202	Coil	CTB1082	R 121 F	RS1/10S683J
L 203		LPSQ220K	R 123	RS1/16S683J
			R 125	RS1/16S154J
L 204	Inductor	CTF1199		
L 205	Inductor	CTF1198	R 127	RS1/16S683J
L 206	Inductor	CTF1197		RS1/16S473J
L 207	Inductor	CTF1115		RS1/16S222J
T 51	Coil	CTE1062		RS1/16S220J
				RS1/16S222J
T 52	Coil	CTE1063		
T 71	Coil	CTE1058	R 204 213	RS1/16S473J
T 203	Coil	CTB1076		RS1/16S470J
T 204	Coil	CTE1059	=	RS1/16S822J
T 205	Coil	CTE1060		R\$1/10S103/
. 200				RS1/10S682J
T 206	Coil	CTE1061		
TH 51 102	Thermister (DTN-T204D154K		R 211 241 242	R\$1/16S103J
CF 52 53	Ceramic Filter	CTF1193		RS1/16S182J
CF 201	Ceramic Filter	CTF1192	·· -··	RS1/10S181J
CF 202	Ceramic Filter	CTF1191		RS1/16S561J
-,			11 6 77	
X 151	Ceramic Resonator	CSS1085	CAPACITORS	
X 201	Crystal Resonator	CSS1014	· · · · · · · · · · · · · · · · · · ·	
VR 1	Semi-fixed 2.2kΩ(B)	CCP1015	C 1 111	CEV100M16
VR 51 101 102	Semi-fixed 33k Ω (B)	CCP1022		CKSRYF473Z25
SP 1	Surge Protector	DSP-201M		CCSRCH27(J50
<u>-</u> 1	22.90 1 10.00.01			CKSRYB102K 50
	FM Front End	CWB1064		CKSRYB472K 50
	i ioni End	J., D. 1007		JAON 1047 28 20
RESISTORS			C 52 53 61	CKSRYB223K25
				CCSRSL101/50
R 1 202		RS1/10S681J		CKSRYF104Z25
R 2		RS1/16S101J		CSZSR22M35
R 3		RS1/16S333J		CCSRCH06(D)50
R 4 75 107		RS1/16S102J		· -
R 5 6 54		RS1/16S472J		



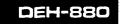
====Circuit Symbol & No. Part Name=====	Part No.	=====Circuit Symbol & No. Part Name======	Part No.
; 60	CEVNP100M25	S 921 922 Switch	CSG1041
72 73 241	CKSRYB103K25	IL 901 902 909 910 911 912 913 Lamp 14V 40m	A CEL-147
75	CKSRYF103Z50	IL 903 904 905 906 907 908 Lamp 14V 40m	A CEL1013
101	CKSRYB822K25	LCD	CAW1140
102	CKSRYB682K25		
	01/05/150701/50	RESISTORS	
103	CKSRYB272K50 CSZS2R2M10	R 901 902 903 904 905	RS1/8S102J
105	CEVR47M50	R 906	RS1/8S162J
106		R 907	RS1/10S121J
107 108	CKSRYB222K50	R 908 909 910 911 912 913 914 915 916 917	
110	CEVR22M50	R 918	RS1/10S102J
112	CKSYB104K25		
121	CEV4R7M35	R 919	RS1/10S221J
122	CKSRYB471K50	R 922	RS1/10S222J
123	CSZS0R1M35		
151 152	CKSRYB273K16	CAPACITORS	
450	CSZSR47M20	C 901	CEV470M6R3
153 154 155	CEV3R3M50	C 901	CCSQCH102J5
154 155		C 905 904	CCSQCH102J5
156	CSZS3R3M10	C 906	CKSQYB103K
157 158	CEV101M10 CKSRYF473Z25	O 900	ONOG FB100K
130	J. J. III TOLLO	Unit Number :	
201	CKSRYB103K25	Unit Name : Tuner Amp Unit (DEH-880RDS/EW)	
202 212	CKSRYB332K50		
202 212 203 215 219	CKSRYF473Z25	MISCELLANEOUS	
204 208	CKSRYB223K25		
205	CCSRCH220J50	IC 501	GGF-919
		IC 502	LH5116HN-10
206 207	CCSRCH820J50	IC 503 708 852 853 952	RC4558M
210	CKSQYF223Z25	IC 504	CWV1 020
211	CEV2R2M50	IC 552	HA13139
213	CCSRCH330J50		
216	CKSQYF473Z25	IC 704	PMJ001A
210	Under Trotte	IC 751	PD4348C
218	CEVNP2R2M35	IC 753	M51955AFP
220	CCSRCH430J50	IC 951	PA2019A
	CCSRCH100D50	Q 501 504 753 757 758 959 971	UN221 1
221 231 222	CSZS010M16		
223	CKSRYF333Z25	Q 502	2SC3098
		Q 505	2SC3295
224 229	CEV470M16	Q 506	UN221 1
225	CKSQYF333Z25	Q 507 517 523 529	2SC2712
226	CKSQYF473Z25	Q 511 512 513 514	2SD1048
227	CEV4R7M35		
228	CKSQYB103K50	Q 515 531 756 951 954 970 983	UN221 1
		Q 516	2SA1298
230	CEV220M6R3	Q 518	UN221 1
232	CKSRYB102K50	Q 519 520	2SK208
240	CKSRYF473Z25	Q 521	2SJ163
242	CEV100M16	Q 522 851	2SA11 62
nit Number :		Q 524	DTC124EK
nit Name : Display Unit (DEH-880RDS/EW)		Q 525	2SC27 12
in the topicy of the topic of t		Q 526	DTAI24EK
ISCELLANEOUS		Q 527	DTC 24EK
	GGF-921	Q 528	DTC323TK
901	RS-20	Q 530 755 969	UN211 1
902	2SC3651	Q 532	2SAI1 62
901	MA143-MC	Q 751	DTC 1 4EK
901 902 903 904 905 906	CL150URCD	Q 752	2SD 8.59
		0.750	13810
907	MA3056M	Q 759	UN2 1 1
910 911 912 913 914 915 916	MA110-1A	Q 761	2SD(0 1A
901 Inductor	CTF1006	Q 855 856	2SD 781K
901	CSS1083	Q 857 858	2SD 781K
901 902 903 904 Switch	CSG1041	Q 953 958 972 973 974 975	2SB12:38
905 906 907 908 Switch	CSG1041	Q 955	UN2:1 D
909 910 Switch	CSG1041	Q 960	UN2 1 1
911 912 913 914 Switch	CSG1041	Q 961	UN221 1
915 916 917 918 Switch	CSG1041	Q 968	2SD 9-44
919 920	CSG1041	Q 982	2SB 238
		D 501 958	RD4R7JSB2
		D 502	RD2R7ESB2
		D 503	HZN2F37NB1
		D 508	MA151 WA-MI
		D 510 770 967	MA151 WK-MT

		=====	Circui	t Sym	nbol 8	No.	Part	Na	ime===:	===	Part No.
D 752 753 754 755 756 757 759 760 766 771 1S	S\$133 R	599	996								RS1/10S472J
	S7A1L R		000								RS1/10S471J
	S133 R										RS1/10S220J
	A151WA-MN R	609									RD1/4PS2R2J
D 952 RB	B100AVH R		702								RS1/10S133J
D 050	R	703	704								RS1/10S153J
	RC04-02FE3 RA15-02VH R	מחל י	710								RS1/10S113J
 	RA15-10VH R		710								RS1/10S152J
	S133 R										RS1/10S151J
		742									RS1/10S151J
	R	743									RS1/10S272J
	A151WK-MT										
		744									RS1/10S272J
	S1R0K R S1R0K R										RS1/10S103J RS1/10S683J
		760	761	764	838						RS1/10S473J
110000	R			772							RS1/10S682J
L 953 954 Inductor CT	F1006										
		771	782								RS1/10S103J
	VW1338 R		776	777	778	779					RS1/10S221J
	SS1011 R										RD1/4PS102JL
X 751 Crystal Resonator CS		785	/86								RS1/10S332J
VR 502 Semi-fixed 330k Ω (B) CC	P1136	788									RD1/4PS362JL
	CG1003 R	796									RS1/10S100J
	V1010 R		899								RS1/10S0RQ
	RZ-C07DK220 R	805									RS1/10S104J
•	R		807								RS1/10S473J
FM/AM Unit CW	VE1238 R	808									RS1/10S473J
RESISTORS	R	809									DC4/40C0D01
HESISTORS	R										RS1/10S0R0J RS1/10S473J
R 501 RS	S1/10S563J R		875	876	888	889					RS1/10S102J
	51/10S472J R										RS1/10S563J
R 503 RS	S1/10S331J R	841	842	969							RS1/10S102J
	51/10S101J										
R 505 RS	51/10S182J R		956								RS1/10S472J
D 507	R		870								RS1/10S182J
	S1/10S821J R S1/10S222J R		8/4	886	887	964					RS1/10S472J
	51/10S222J R		965	972	974	976	978				RS1/10S752J RD1/4PS332JL
	51/10S335J	50,	-	J, L	3,4	5,0	5.0				TID IT TO COOLIE
	31/10S102J R	959									RS1/10S102J
	R		975	977	981						RS1/10S332J
											RS1/10S103J
	51/10S221J R										RD1/4PS471JL
	51/10S103J R	991									RD1/4PS221JL
	51/10S222J 51/10S563J R	993									RS1/10\$392J
H 324 323 970 H3		997									RS1/10S56QJ
R 526 527 RS	1/10S822J R										RS1/10S100J
		999									RD1/4PS152JL
	1/10S152J										
		APACI	TORS	i							
R 539 RS	1/10S474J	E04									OF A 47014000 4
R 543 568 RS	C 31/10S222J C										CEA470M6R3LL CEA101M16LL
	1/10S104J C		504	544							CKSQYB102K50
	1/10S102J C		506	J++							CEA4R7M50LL
	1/10S102J C										CCSQCH101J50
R 549 550 RS	1/10S472J										
D			510	511	512	513	519	527 5	40 560	753	CKSQYB103K50
											CEAR47M50L
	1/10S224J C 1/10S123J C			F00	F00	F 4 4	051	057 0	75		CKSQYB103K50
					530	541	50:	957 9	75		CKSQYB473k2.5 CEA4R7M50L
	1/10S272J	010	550	~3							OLAH MINUL
110	C	520	761								CEA470M25LL
	1/10S272J C										CKSQYB223K5-0
_	1/10S393J C										CEAR22M50L
_	1/10S102J C		524								CKSYB224K25
-	1/10S102J C 1/10S224J	333	334								CCSQCH100050
50E no	C	535									CKSQYB102K540
R 570 RS1	1/10S821J C	536									CKSQYB683k2.5
	1/10S561J C	537									CKSYB224K25
											CEA221M6R3_L
	1/10S0R0J C	543									CCSQCH681,540
R 597 598 601 602 RS1	1/10S2R2J										



=====Circuit Symbol & No. Part Name======	Part No.	=====Circuit Symbol & No. Part Name=====	Part No.
C 545 546	CCSQCH151J50	IC 701	UPD6375GC
C 547	CKSQYB103K50	IC 702	TC9237F
C 548	CKSYB104K25	IC 703	TA2009F
C 549 955 972 973	CKSYB104K25	IC 751	PD5156C
C 550 552	CEA100M35LL	IC 752	MB3854PF
C 557 558 C 561 562 563 564	CKSQYB102K50 CKSYB104K25	Q 351 Q 601	2SB1260 2SB709A
C 561 562 563 564 C 569	CKSYB473K50	Q 651	2SB1184F5
C 571 572	CKSQYB392K50	Q 652	2SB1184F5
C 573	CEHAS100M16	Q 654 705	DTC114EK
C 577 578	CEA330M10LL	Q 701 702	DTC323TK
C 593	CFTNA474J50	Q 703	DTC114EK
C 595	CEA101M6R3LL	Q 704	DTA114EK
C 596	CKSQYB103K50	Q 752	DTA114EK
C 597	CKSQYB473K50	Q 753	DTA114EK
0 500	CACACOOKIO	Q 754 Q 755	DTC114EK 2SD1760F5
C 598	CASA680K10 CCSQCH470J50	Q 756	2SD1780F3
C 599	CCSQCH101J50	D 651	SC016-2
C 611 612 C 613	CCSQCH221J50	D 652	SC016-2
C 614	CCSQCH060D50		
	OF 1000141011	D 701	MA151 WA-MN
C 701 702	CEA330M10LL	D 751	MA151 A-MA HZM6FR8NB2
C 703 704	CCSQCH101J50	D 757 D 758	MAI51 A-MA
C 705 C 752	CKSQYB472K50 CKSQYB102K50	L 601 602 603 604 751 Inductor	CTF1082
C 752	CKSYB104K25	E 001 002 003 004 731 Illidation	0111002
		L 701 Inductor	CTF1082
C 755	CCSQCH150J50	TH 752 Thermister	CCX1 007
C 759 760 963 967 971 986 987 988	CKSQYB473K25	X 701 Crystal Resonator	CS\$1 0 67
C 762 961	CKSQYB103K50	X 751	CS\$084
C 763 764 952	CEA010M50LL CKSQYB822K50	VR 351 Semi-fixed 22k Ω (B)	CCP1 1 56
C 765	CK3Q1B822K30	VR 352 355 Semi-fixed 47kΩ(B)	CCP1 1 58
C 766	CKSQYB822K50	VR 353 354 Semi-fixed 2.2kΩ(B)	CCP1 1 50
C 767 768	CEA4R7M50LL	VR 356 Semi-fixed 22kΩ(B)	CCP1 1 56
C 769 770 783	CEA2R2M50LL		
C 771 772	CKSQYB333K25	RESISTORS	
C 773 774	CKSYB224K25	D 054	D01000001
O 77F 770	CKCOABOOKEO	R 351	RS1/2/S220J RS1/1/6/S472J
C 775 776	CKSQYB332K50	R 352 372 R 353	RS1/16S623J
C 777 778 C 779 780	CKSQYB183K25 CCSQCH221J50	R 354 757 758 779	RS1/16S473J
C 781 782 860 861 867 868	CEA330M10LL	R 355	RSI/16S122J
C 784 791 792	CEA100M35LL	n 555	11071001220
0 704 101 702		R 356	RSI/16S683J
C 786	CKSQYB473K25	R 357	RS1/16S683J
C 793	CKSQYB102K50	R 358	RSI/16S332J
C 850 851 852 853	CCSQCH470J50	R 359	RSI/16S332J
C 869 870 876 877	CEA330M10LL	R 360	RSI/16S684J
C 953 954 3300 μF/16V	CCH1125	R 361	RS/16S153J
C 959 985	CEHAQ470M25	R 364	RS:/16S102J
C 960 964 966 978	CEHAQ101M10	R 369	RS1/16S103J
C 965	CKSQYB473K25	R 371 373 752	RS/16S223J
C 969 989 1000 μ F/16V	CCH1003	R 374	RSV16S912J
C 970	CEHAQ470M25		
		R 375 377 713	RS:/16S102J
C 974	CEA100M35LL	R 379	RS:/16S513J
C 982	CKSQYB472K50	R 380	RS:/16S104J
C 984	CEHAS470M16	R 381 R 382	RSI/16S133J RSI/16S133J
C 990 C 991	CEA330M10LL CKSQYB473K50	11 302	0// 00/ 100/
C 331	ONOG 104/3NOU	R 601 602 603 604 605 607 610	RS:/16S103J
C 992	CKSYB104K50	R 606	RS/16S224J
		R 609	RS/16S102J
Unit Number :		R 611 612 665 R 613	R\$/16\$102J R\$/16\$102J
Unit Name : Control Unit			
MISCELLANEOUS		R 614 R 615	R\$/16S472J R\$/16S472J
10. 251	UPC1347GS	R 616	RS/16/S102J
IC 351 IC 601	UPD6374GH	R 651 653 701 702 706 711 712 764	RS/16/S102J
IC 602	RC4558M	R 652	RS/16S162J
IC 651	PA3026		- · - · ·
IC 653	M5218FP		

=====Circuit Symbol & No. Part Name=====	Part No.	=====Circuit Symbol & No. Part Name=====	Part No.
R 654	RS1/16S162J	C 666	CKSQYB102K50
R 655	RS1/16S752J	C 670	CKSQYB273K50
R 656	RS1/16S362J	C 671	CKSRYB103K25
R 657	RS1/16S162J	C 672	CKSQYB473K25
R 658	RS1/16S102J	C 705 706	CCSRCH090D50
	D000.0	0.740	
R 663	RS1/10S181J	C 712	CEV470M6R3
R 664 753 755	RS1/16S103J	C 713 714	CKSRYB561K50
R 669 703 797	RS1/16S103J	C 715	CCSRCH100D50
R 670	RS1/10S151J	C 716	CEV100M16
R 675	RS1/16S913J	C 722 723	CEV4R7M35
R 676	RS1/16S913J	C 724	CCSRCH151J50
R 677 681	RS1/16S0RQJ	C 726	CCSRCH100D50
		· - ·	
R 679	RS1/16S102J		CKSRYB103K25
R 680	RS1/16S0R0J	C 751 752	CCSRCH221J50
R 683	RS1/16S0R0J	C 753 754 755	CCSRCH221J50
R 684	RS1/16S102J	C 756	CKSRYB472K50
R 707 708	R\$1/16S223J		
R 715	RS1/16S0R0J	Unit Number :	
R 717	RS1/16S301J	Unit Name : Switch P.C.Board	
R 719 789	RS1/16S0R0J		
		D 1 2 3 4	BR4361F
R 721	RS1/16S472J	M 1 Motor (Spindle)	CXM1058
R 722	RS1/16S162J	M 2 Motor Unit (Carriage)	CXA4649
R 724	RS1/10S1R0J	M 3 Motor Unit (Loading)	CXA4267
R 725	RS1/16S472J	S 1 2 Switch (Home,Clamp)	CSN1012
R 751	RS1/10S1R0J	, , , , , , , , , , , , , , , , , , , ,	•
R 754 776	RS1/16S472J	Unit Number :	
R 756 771 772 773	RS1/16S222J	Unit Name : Detector P.C.Board	
Ř 765 793	RS1/16S102J		
R 766	RS1/16S473J	P 1 2 3 4 Photo Transistor	PT4800
R 767 768 769 770	RS1/16S104J		
R 774	RS1/16S102J	MiscellaneousParts List	
R 775	RS1/16S104J		
R 778	RS1/16S103J	Fuse 10A(DEH-890/EW, DEH-880/UC)	CFK1136
R 780	RS1/16S104J	PU Unit	CGY1020
R 781 782	RS1/16S362J	, , ,	001.025
,	1101111000000	Unit Number :	
R 783 784 785 786 787	RS1/16S681J	Unit Name : Logic Unit (DEH-880RDS/EW)	
R 788	RS1/16S102J	one value : Logio one (BETT CONTROLLT)	
R 791 792	RS1/16S391J	IC 1	UPD4538BG
R 794	R\$1/16S151J	Q 1	UN2111
R 799	RS1/10S1R5J	D 1	MA151WK-MT
11 799	1101/1001/100	D 2	MA151K-MH
CAPACITORS		R 1	RS1/10473J
0.054	OE1/4701446	^	0070040144
C 351	CEV470M16	C 1	CSZS010M16
C 352	CKSQYB104K25	C 2	CKSQYB103K50
C 353 709	CEV101M6R3		
C 354 355	CSZSR4R7M10		
C 357 359 366	CKSRYB102K50		
C 358	CKSRYB331K50		
C 360	C. 10111 DOC 11100		
O 300	CKSRYR971K50		
0.004	CKSRYB271K50		
C 361	CCSRCH220J50		
C 367	CCSRCH220J50 CKSYB154K25		
	CCSRCH220J50		
C 367	CCSRCH220J50 CKSYB154K25		
C 367 C 368 C 369 373 604 606 703 704	CCSRCH220J50 CKSYB154K25 CKSQYB104K25		
C 367 C 368 C 369 373 604 606 703 704 C 370	CCSRCH220J50 CKSYB154K25 CKSQYB104K25 CKSYB224K25		
C 367 C 368 C 369 373 604 606 703 704 C 370 C 601	CCSRCH22W50 CKSYB154K25 CKSQYB104K25 CKSYB224K25 CKSQYB473K50		
C 367 C 368 C 369 373 604 606 703 704 C 370	CCSRCH22QJ50 CKSYB154K25 CKSQYB104K25 CKSYB224K25 CKSQYB473K50 CKSRYB222K50		
C 367 C 368 C 369 373 604 606 703 704 C 370 C 601 C 602 C 603	CCSRCH22QJ50 CKSYB154K25 CKSQYB104K25 CKSYB224K25 CKSQYB473K50 CKSRYB222K50 CKSRYB222K50 CKSRYB331K50		
C 367 C 368 C 369 373 604 606 703 704 C 370 C 601 C 602 C 603 C 605	CCSRCH22QJ50 CKSYB154K25 CKSQYB104K25 CKSYB224K25 CKSQYB473K50 CKSRYB222K50 CKSRYB222K50 CKSRYB331K50 CKSYB103K25		
C 367 C 368 C 369 373 604 606 703 704 C 370 C 601 C 602 C 603 C 605 C 607 654 759 760	CCSRCH22QJ50 CKSYB154K25 CKSQYB104K25 CKSQYB104K25 CKSQYB473K50 CKSRYB222K50 CKSRYB222K50 CKSRYB331K50 CKSRYB331K50 CKSYB103K25 CKSYB224K25		
C 367 C 368 C 369 373 604 606 703 704 C 370 C 601 C 602 C 603 C 605 C 607 654 759 760 C 608	CCSRCH220J50 CKSYB154K25 CKSQYB104K25 CKSQYB104K25 CKSQYB473K50 CKSRYB222K50 CKSRYB222K50 CKSRYB331K50 CKSRYB331K50 CKSYB103K25 CKSYB224K25 CSZS010M16		
C 367 C 368 C 369 373 604 606 703 704 C 370 C 601 C 602 C 603 C 605 C 607 654 759 760 C 608 C 609 610 761	CCSRCH220J50 CKSYB154K25 CKSQYB104K25 CKSQYB104K25 CKSQYB473K50 CKSRYB222K50 CKSRYB222K50 CKSRYB331K50 CKSYB103K25 CKSYB103K25 CKSYB20M16 CEV100M16		
C 367 C 368 C 369 373 604 606 703 704 C 370 C 601 C 602 C 603 C 605 C 607 654 759 760 C 608	CCSRCH220J50 CKSYB154K25 CKSQYB104K25 CKSQYB104K25 CKSQYB473K50 CKSRYB222K50 CKSRYB222K50 CKSRYB331K50 CKSRYB331K50 CKSYB103K25 CKSYB224K25 CSZS010M16		
C 367 C 368 C 369 373 604 606 703 704 C 370 C 601 C 602 C 603 C 605 C 607 654 759 760 C 608 C 609 610 761 C 611 701 707 710	CCSRCH220J50 CKSYB154K25 CKSQYB104K25 CKSQYB104K25 CKSQYB473K50 CKSRYB222K50 CKSRYB222K50 CKSRYB331K50 CKSYB103K25 CKSYB103K25 CKSYB20M16 CEV100M16		
C 367 C 368 C 369 373 604 606 703 704 C 370 C 601 C 602 C 603 C 605 C 607 654 759 760 C 608 C 609 610 761 C 611 701 707 710 C 651 702 708	CCSRCH220J50 CKSYB154K25 CKSQYB104K25 CKSQYB104K25 CKSQYB473K50 CKSRYB222K50 CKSRYB222K50 CKSRYB331K50 CKSYB103K25 CKSYB224K25 CSZS010M16 CEV100M16 CKSRYB103K25		
C 367 C 368 C 369 373 604 606 703 704 C 370 C 601 C 602 C 603 C 605 C 607 654 759 760 C 608 C 609 610 761 C 611 701 707 710 C 651 702 708 C 652	CCSRCH220J50 CKSYB154K25 CKSQYB104K25 CKSQYB104K25 CKSQYB473K50 CKSRYB222K50 CKSRYB222K50 CKSRYB222K50 CKSRYB331K50 CKSYB103K25 CKSYB103K25 CKSYB103K25 CKSYB103K25 CKSYB103K25 CSZS010M16 CEV100M16 CKSRYB103K25 CEV101M6R3 CKSYB224K25		
C 367 C 368 C 369 373 604 606 703 704 C 370 C 601 C 602 C 603 C 605 C 607 654 759 760 C 608 C 609 610 761 C 611 701 707 710 C 651 702 708 C 652 C 655 668	CCSRCH220J50 CKSYB154K25 CKSQYB104K25 CKSQYB104K25 CKSQYB473K50 CKSRYB222K50 CKSRYB222K50 CKSRYB331K50 CKSYB103K25 CKSYB224K25 CSZ5010M16 CEV100M16 CKSRYB103K25 CKSRYB103K25 CSSRYB103K25 CSSRYB103K25 CSSRYB103K25		
C 367 C 368 C 369 373 604 606 703 704 C 370 C 601 C 602 C 603 C 605 C 607 654 759 760 C 608 C 609 610 761 C 611 701 707 710 C 651 702 708 C 652	CCSRCH220J50 CKSYB154K25 CKSQYB104K25 CKSQYB104K25 CKSQYB473K50 CKSRYB222K50 CKSRYB222K50 CKSRYB222K50 CKSRYB331K50 CKSYB103K25 CKSYB103K25 CKSYB103K25 CKSYB103K25 CKSYB103K25 CSZS010M16 CEV100M16 CKSRYB103K25 CEV101M6R3 CKSYB224K25		



Note:

• The DEH-890/EW and DEH-880/UC Parts Lists enumerate the parts which differ from those enumerated in the DEH-880RDS/EW Parts List only. The parts other than those enumerated in the former are indentical with those in the latter, to which you are requested to refer, accordingly.

FM/AM Unit(The DEH-880RDS/EW Parts List is given on page 2 and 3)

	DEH-880RDS/EW	DEH-890/EW	DEH-880/UC
FM/AM Unit	CWE1238	CWE1239	CWE1240
Q51	DTA114TU	DTA114TU	
D51	MA143-MC	MA143-MC	
CF52,53	CTF1193	CTF1247	CTF1247
R58	RS1/16S563J	RS1/16S563J	RS1/16S473J
R60	RS1/16S473J	RS1/16S473J	
R61	RS1/16S332J	RS1/16S332J	
R65	RS1/16S273J	RS1/16S273J	RS1/10S471J
R101	RS1/10S331J	RS1/10S331J	
R104		RS1/16S393J	RS1/16S563J
R151, 152 C101 C104	RS1/16S222J CKSRYB822K25	RS1/16S222J CKSRYB822K25 CKSRYB103K25	RS1/16S152J CKSRYB392K50 CKSRYB103K25
C110	CEVR22M50	CEVR22M50	CEV010M50
C112	CKSYB104K25	CKSYB104K25	CSZSR47M20
C151,152 C161,162 FM Front End	CKSRYB273K16 CWB1064	CKSRYB273K16 CWB1063	CKSQYB563K25 CWB1063

Display Unit (The DEH-880RDS/EW Parts List is given on page 3.)

	DEH-880RDS/EW	DEH-890/EW	DEH-880/UC
IC902 D910 S905, 915 IL903—908 LCD	RS-20 MA110-1A CSG1041 CEL1013 CAW1140	CEL1013 CAW1141	RS-20 CEL1025 CAW1141
R907 R920 R922 C901	RS/10S121J RS/10S222J CEV470M6R3	RS/10S473J	RS/10S121J RS/10S222J CEV470M6R3

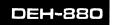
DEH-880

Tuner Amp Unit(The DEH-880RDS/EW Parts List is given on page 3.4 and 5.) ${\tt MISCELLANEOUS}$

	DEH-880RDS/EW	DEH-890/EW	DEH-880/UC
IC501	GGF-919	GGF-919	GGF-927
IC502	LHG5116HN		••••
IC504	CWV1020		
IC551	PA3027A	••••	
IC552	••••	HA13139	HA13139
10853	RC4558M		
Q506	UN2211	UN2211	
Q511, 512, 513, 514	2SD1048	2SD1781K	2SD1781K
Q518	UN2211		
Q521	2SJ163	••••	••••
Q522	2SA1162		
Q523, 529	2SC2712		
Q523, 529 Q524	DTC124EK		
Q524 Q525	2SC2712		
Q526	DTA124EK		
₩ <i>020</i>	DIVITATIV		
Q527	DTC124EK		
Q528	DTC323TK-HO2		
Q857,858	2SD1781K	••••	
Q960	UN2111	• • • • • • • • • • • • • • • • • • • •	••••
Q961	UN2211	•••••	••••
D953	PDCOA OOPPO	CM 2 OSLEEA	ON 0 001 DD4
VR502	ERCO4-02FE3 CCP1136	SM-3-02LFEA	SM-3-02LFEA
IB552	UCF1130	/WW1220	OWN1000
FM/AM Unit	CWE1220	CWW1338	CWW1338
rm/AM Unit	CWE1238	CWE1239	CWE1240

RESISTORS

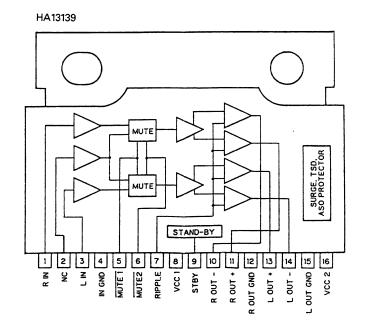
	DEH-880RDS/EW	DEH-890/EW	DEH-880/UC
R511	RS1/10S335J	RS1/10S335J	
R537	RS1/10S222J		
R538	RS1/10S473J		
R539	RS1/10S474J		
R551	RS1/10S334J		
R552	RS1/10S224J		••••
R553	RS1/10S123J	••••	••••
R554	RS1/10S334J	••••	
R555,556	RS1/10S272J	••••	••••
R557	RS1/10S393J		••••
R559, 888, 889	RS1/10S102J		
R575	R31/1031020	RS1/10SOROJ	RS1/10SOROJ
R585, 586	RS1/10S561J	RS1/10S0R0J	1
R589, 590	u21/1029013	1	RS1/10S0R0J
R593, 594, 595, 596	RS1/10S0R0J	RS1/10S472J	RS1/10S472J
1090, 094, 090, 090	10201/1020100		
R603, 604, 605, 606		RS1/10S2R2J	RS1/10S2R2J
R607	RS1/10S471J		
R608	RS1/10S220J		
R610		RD1/8S2R2J	RD1/8S2R2J
R799	RS1/10S473J	RS1/10S473J	
R800, 898		RS1/10S473J	••••
R802			RS1/10SOROJ
R803, 899	RS1/10SOROJ		RS1/10SOROJ
R852,853	RS1/10S222J		
R882, 883	RS1/10S182J	••••	
R886,887	RS1/10S472J		••••
R890,891	RS1/10S223J	••••	••••



CAPACITORS

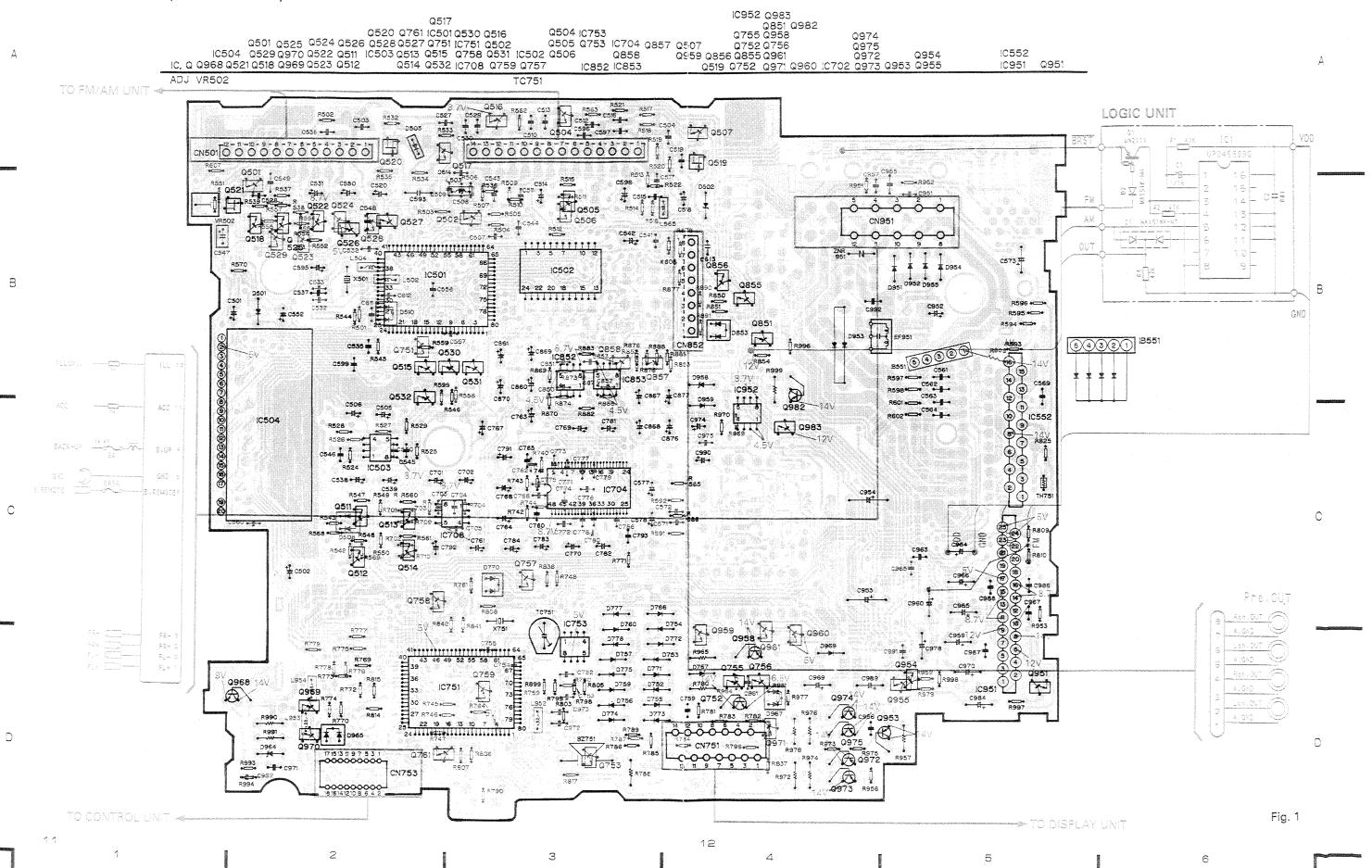
	· · · · · · · · · · · · · · · · · · ·		
	DEH-880RDS/EW	DEH-890/EW	DEH-880/UC
C501	CEA470M6R3LL	••••	
C502	CEA101M16LL	••••	
C514	CEAR47M50LL	CEAR47M50LL	
C528	CKSQYB223K50		
C541,965	CKSQYB473K25		
C542	CEA221M6R3LL		
C547	CKSQYB103K50	CKSYB104K50	CKSYB104K50
C548	CKSYB104K25	••••	
C549	CKSYB104K25	••••	
C550	CEA100M35LL		
C565, 566, 567, 568		CKSYB104K25	CKSYB104K25
C569	CKSYB473K50	CKSYB104K50	CKSYB104K50
C571,572	CKSQYB392K50	CKSQYB102K50	CKSQYB102K50
C573	CEHAS100M16	CEHAQ100M50	CEHAQ100M50
C575, 576	••••	CKSQYB102K50	CKSQYB102K50
C579, 580		CEA330M10LL	CEA330M10LL
C852, 853	CCSQCH470J50	• • • • •	
C869, 870, 876, 877	CEA330M10LL		
C978	CEHAQ101M10		
C992	CKSYB104K50		••••
1	1	f	1

• ICs

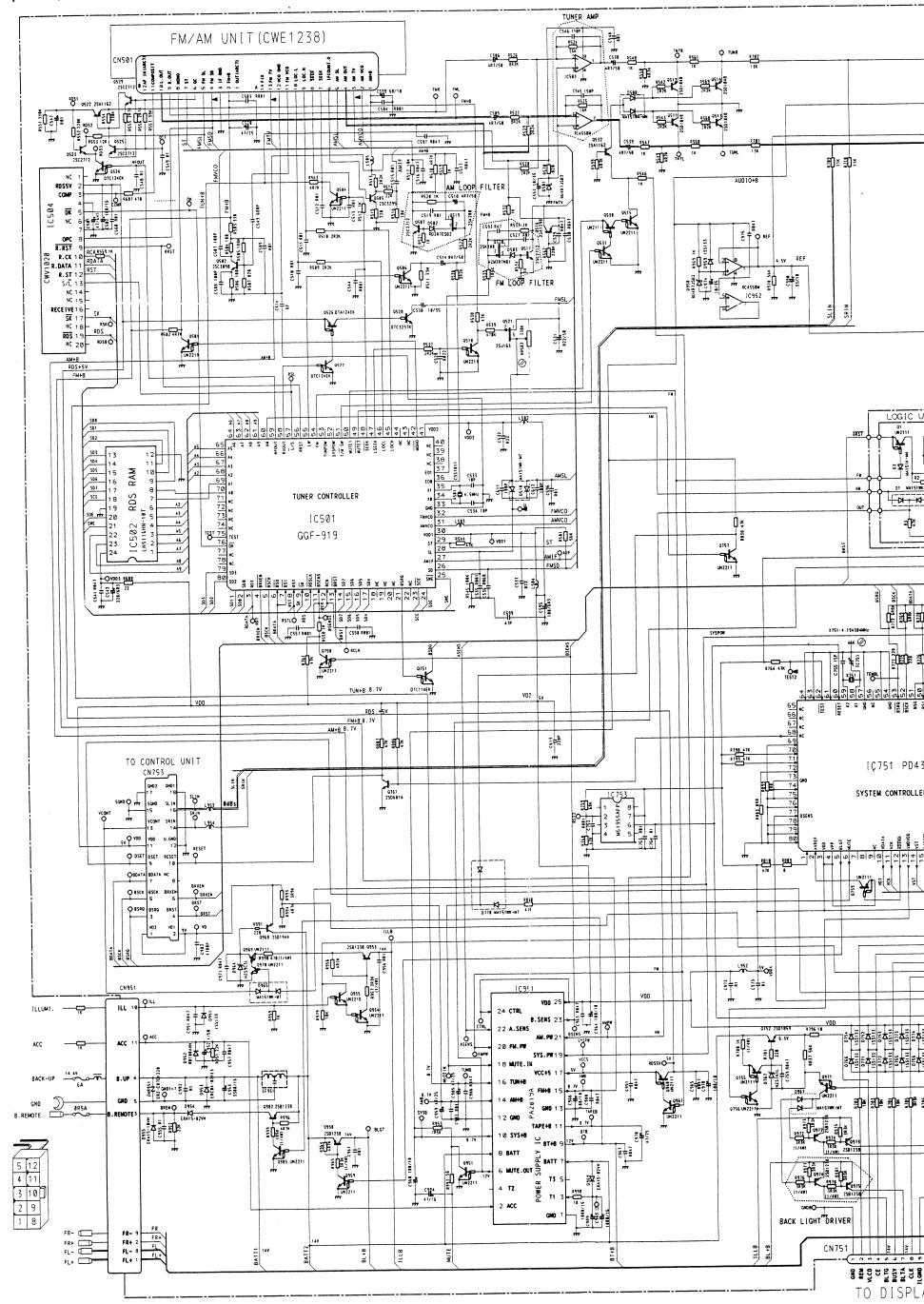


2. CIRCUIT DIAGRAM AND P.C. BOARD PATTERN

2.1 TUNER AMP UNIT (DEH-880RDS/EW)



• Tuner Amp Unit (DEH-880RDS/EW)



В

C

С

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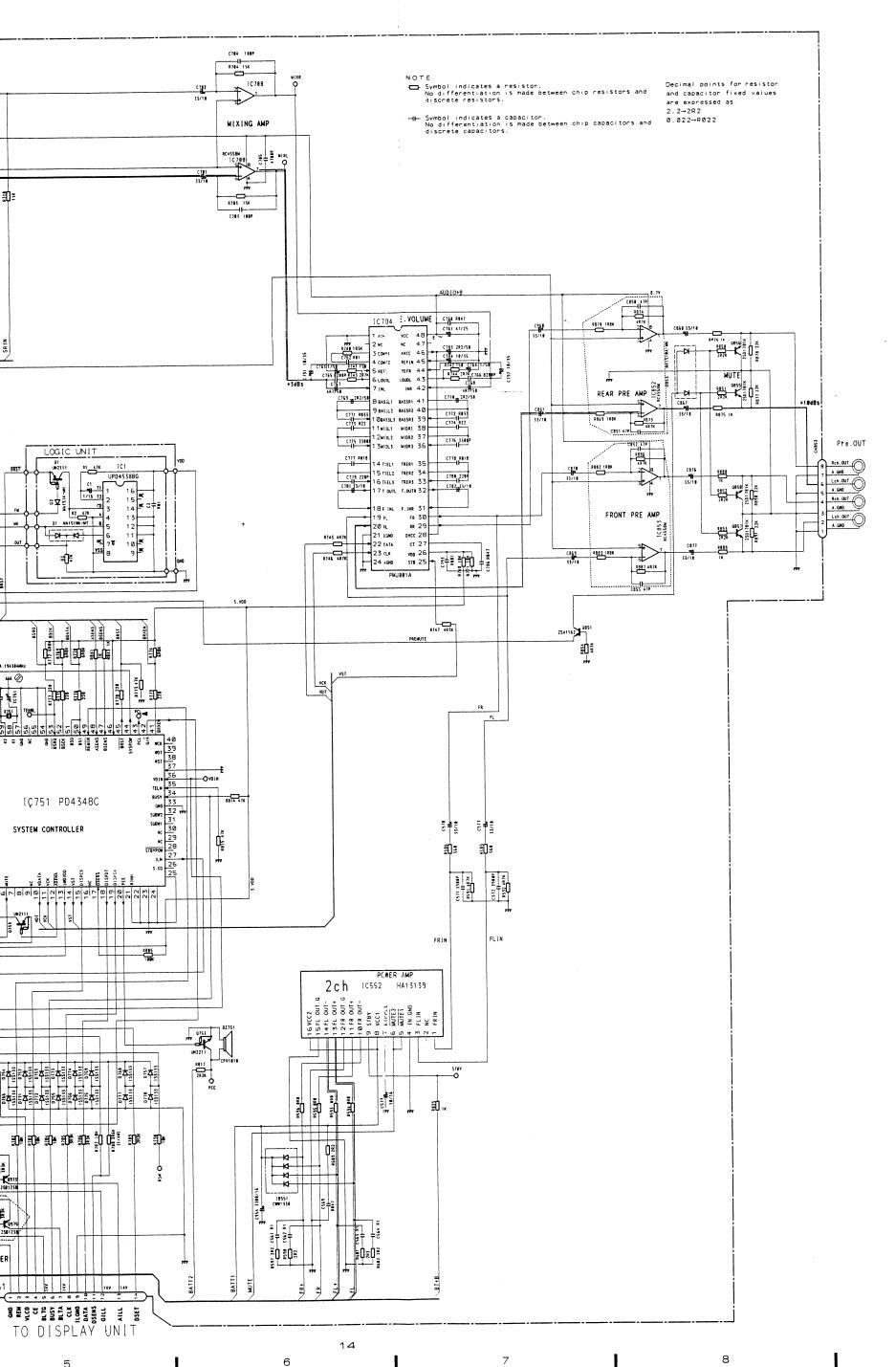


Fig. 2

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Α

В

С

D

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F

TUNER AMP FM/AM UNIT (CWE1239) FMSL FMSD CS18 RB1 FM LOOP FILTER 3 T 15.72 10 Q757 UNIZZ11 TUNER CONTROLLER [C501 Q V001 GGF-919 AMIF ON F C551 Real S C558 Real T C558 R C599 R764 47K 0751 07C114EK Ó**⊲** TEST2 TUN+B 8.7V VDD FM+B 8 . 7V 100 M **1** 1 R898 47 TO CONTROL UNIT CN753 R888 479 Q761 250601A QB0A1 BRXEN PRXEN ڳڇَ (ا چُوْ BSCK BSCK CN951 ILL 18 PILL **£**0**≥** € 5V ACC 1 G982 25B1238 CHO ØR5A 9987 2581 238 8996 487K 20085 UN2211 12 **GNO** 2581238 14V TAPE+8 1 E MUTE.OUT SS BACK LIGHT POWER SC. 11 3 6 13 5 12 4 11 3 10 2 9 1 8 4 T2 RR-13 RR+ 6 RL-14 RL+ 7 FR- 9 FR+ 2 FL- 8 FL+ 1 RR+ 2 **ACC** RL RL+ FR FR+ FL BI HE BATTI BL +B 1118 MUTE

16

2

3

4

17

2. A.

 Symbol indicates a resistor.
No differentiation is made between chip resistors and discrete resistors. —IP— Symbol indicates a capacitor. No differentiation is made between chip capacitors and discrete capacitors. 10788 Decimal points for resistor and capacitor fixed values are expressed as: 2.2→2R2 0.022-R022 5 + B WIX ∌≛∌≛]≟ T O REF 4.558M 1 AGNO VCC 48 8.7V 5 C859 SRIN 3 4 corr REAR PRE AMP 8 BASSL1 9 BASSL2 BASSR2 40 1 1 NIOL1 WIOR1 38 -1 2 NIOL2 WIDR2 37 -1 3 NIOL3 WIOR3 36 C776 3384P Pre.OUT C775 3380 C778 R818 C777 8816
1 1 4 TREL1 TREAT 35
1 5 TREL2 TRER2 34
1 6 TREL3 TRER3 35
1 7 T. OUTL T. OUTR 32 0

C782 835/8 7 A.GHO Loh. OUT 19 FL FR 30 20 RL RR 29 21 0GM0 DVCC 28 22 DATA CT 27 23 CLK V00 26 ct 27 voo 26 ste 25 24 AGHO R747 4R1K BSCK 40 RESTITE STATE OF STAT SYSTEM CONTROLLER -Ovoin [C751 PD4348C 5 7 5 CS. S. ... 2885 199K RRIN POWER AMP PA3027A 225 RFRIN 227 R FRO UT G 19 R OUT G 19 R OUT G 17 FL OUT G 15 FL OUT G 15 FL OUT G 17 FL OUT G 17 FL OUT G 18 R OUT G 5 R OUT G 5 R OUT G 5 R OUT G 18 R O 9753 UN2211 282K O PEE **∄**0 ™ 16/16 **∄**)≱ 11/48) 13/4 250178 11/48) 13/4 250178 11/48) 13/4 250178 11/48) 13/4 250178 444 O RSW 18552 CWW1338 18551 CWW1338 \$ | \$ | \$ | BACK LIGHT DRIVER \$ \\ \frac{1}{2} \bigcup \ BATT1 MUTE TO DISPLAY UNIT

18

7

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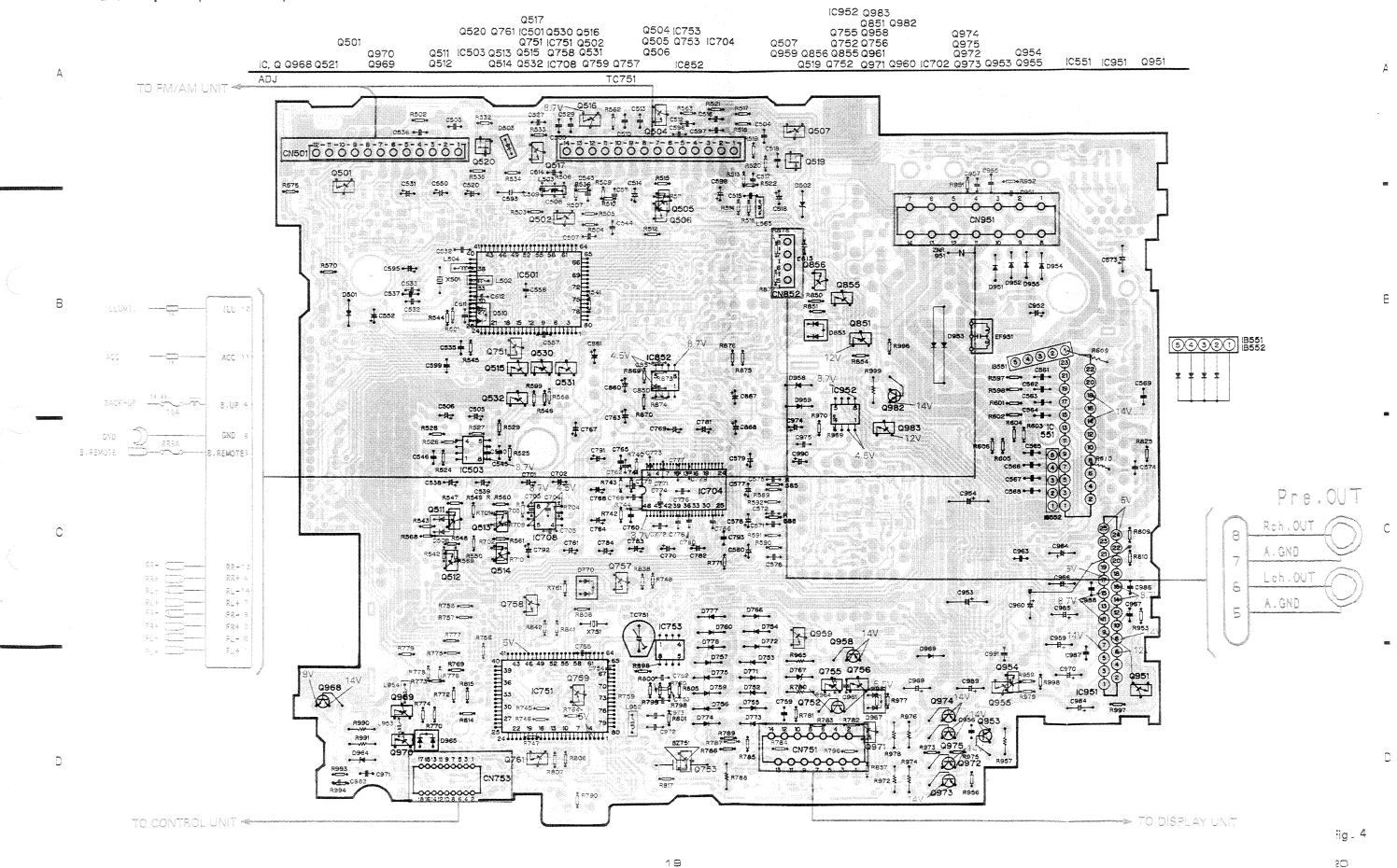
Fig. 3

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8

\$ 3.

Tuner Amp Unit (DEH-890/EW)



2.3 TUNER AMP UNIT (DEH-880/UC)

Q970

IC. Q Q968 Q521

ADJ

Q975

IC952 Q983 Q517 Q520 Q761 |C501 Q530 Q516 Q751 |C751 Q502 Q511 |C503 Q513 Q515 Q758 Q531 Q512 Q514 Q532 |C708 Q759 Q757 Q851 Q982 Q755 Q958

Q504 IC753 Q505 Q753 IC704

Q752 Q756 Q959 Q856 Q855 Q961

IC551 IC951 Q951 Q519 Q752 Q971 Q960 IC702 Q973 Q953 Q955

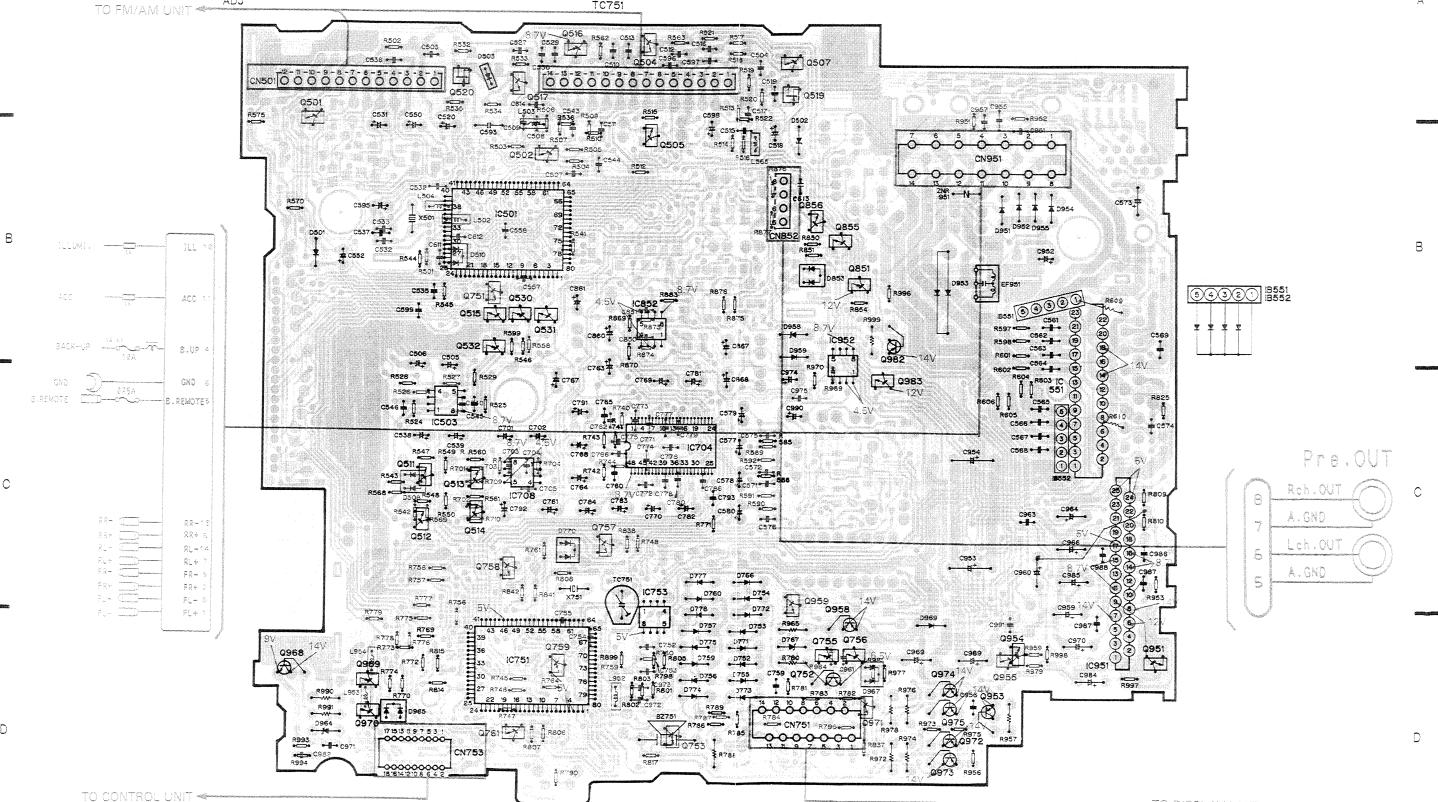
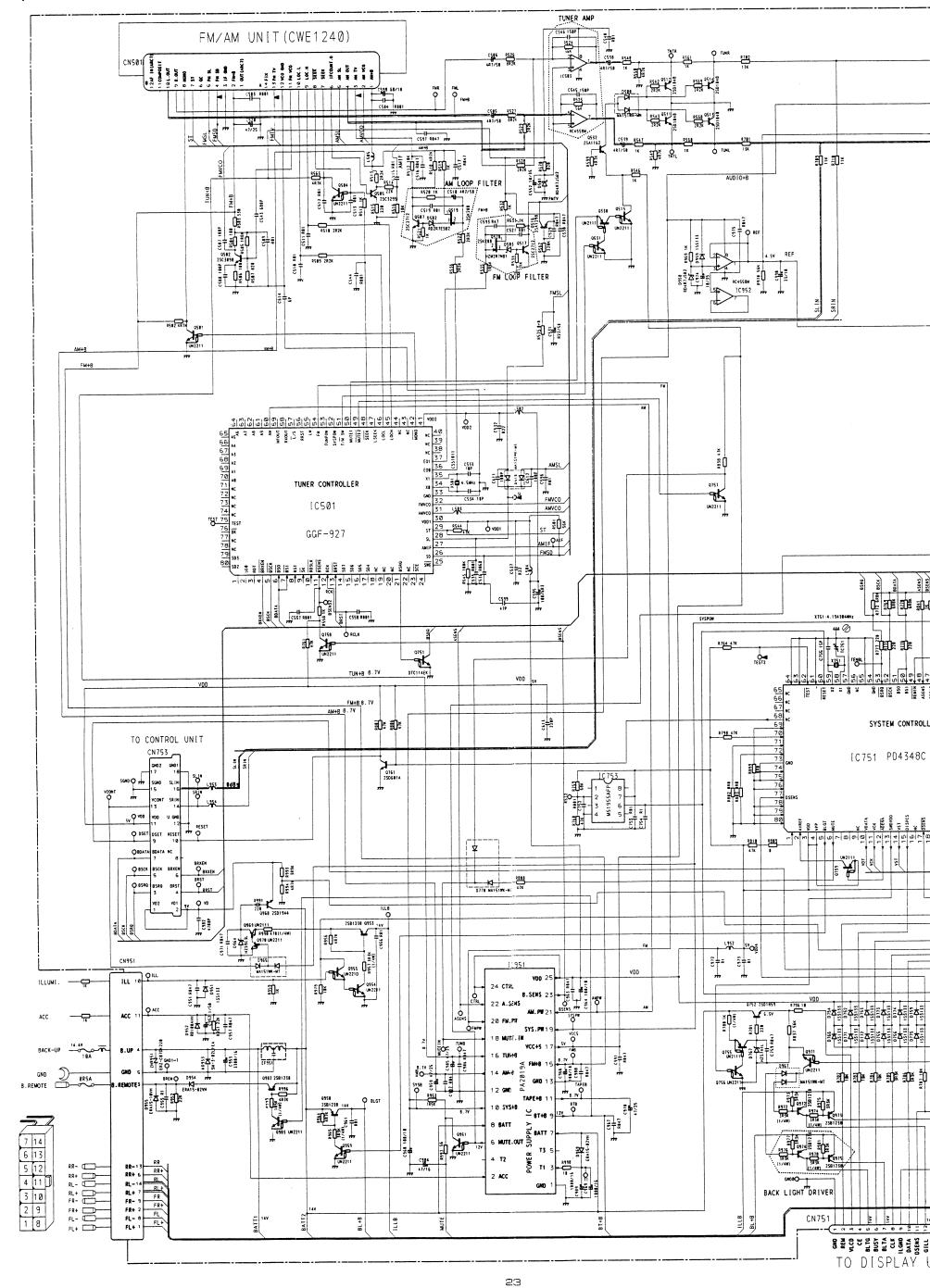


Fig. 5



Д

В

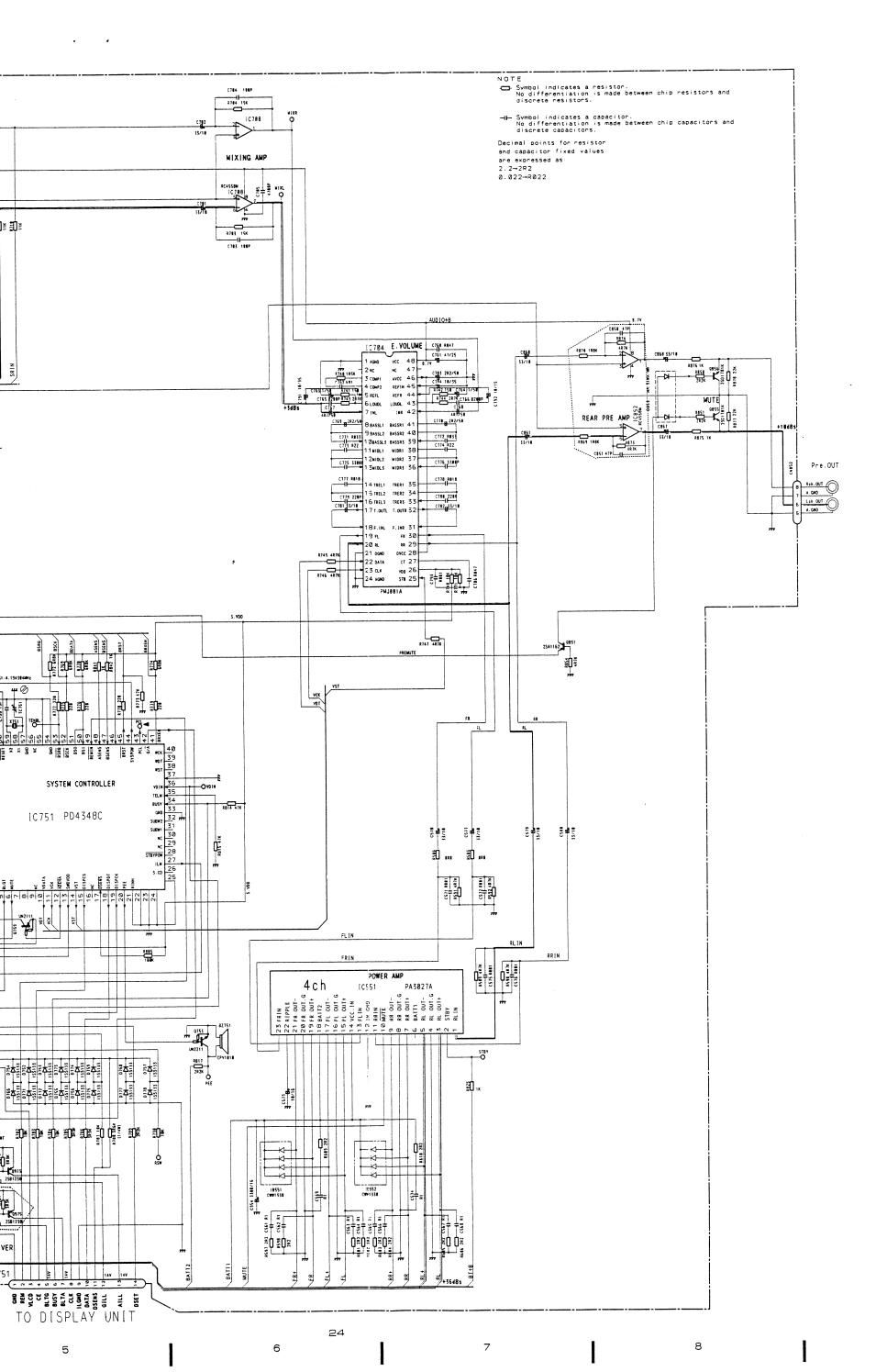
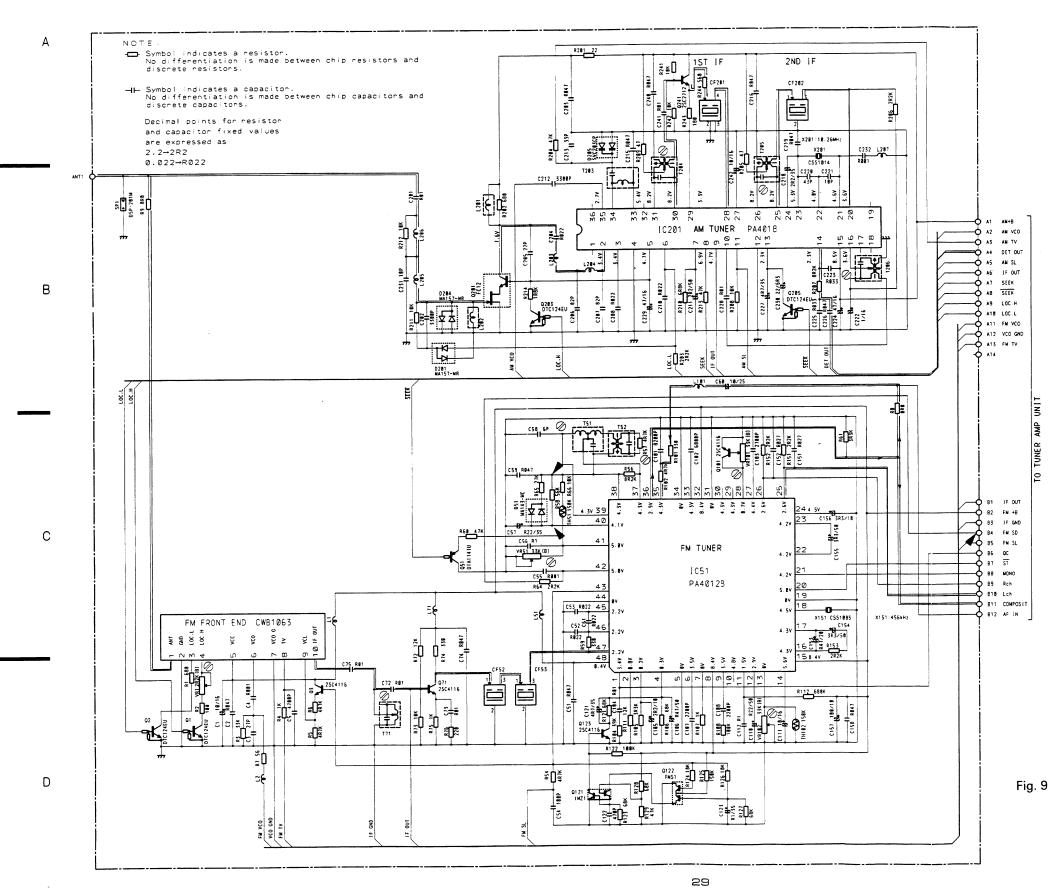


Fig. 6

9



6 7

IC. Q Q205 Q241 Q201 Q203 Q1 Q2 Q122 Q121 Q123 Q3 ADJ T206 T204 VR101 VR102 TO TUNER AMP UNIT CN501 1 2 3 4 5 6 7 8 9 10 3.4V 0.8V 0.2V 0.3V 0V 3.5V 0V 8.4V 3.5V 4.8V 11 12 13 14 15 16 17 18 19 20 1.5V 2.9V 0V 5.6V 8.4V 4.3V 4.3V 4.5V 0V 5.0V 21 22 23 24 25 26 27 28 29 30 1 2 3 4 5 6 7 8 9 10 11 12 4.2V 4.2V 4.2V 4.5V 2.6V 2.6V 4.4V 0.7V 4.3V 4.3V 3.4V 3.4V 4.7V 6.9V 4.7V · 31 32 33 24 35 36 37 38 39 40
 13
 14
 15
 16
 17
 18
 19
 20
 21
 22
 23
 24

 2.3V
 2.3V
 8.5V
 3.6V
 3.6V
 4.6V
 4.0V
 5.3V
 0V 8.4V 4.3V 0V 4.3V 2.9V 4.3V 4.3V 4.3V 4.1V 41 42 43 44 45 46 47 48

30

31

5.0V 6.0V 0V 2.2V 2.2V 2.2V 0.4V

25 26 27 28 29 30 31 32 33 34 35 36

8.2V 8.2V 3.3V 0V 8.2V 6.2V 5.4V 2.7V

DEH-880 3. CHASSIS EXPLODED VIEW Fig. 11

NOTE:

- The parts marked with "®" may need long time to supply and their supply is subject to refuse as the case may be.
- Because the parts with encircled number shown on the dismantling drawing are not spare parts, we are unable to supply them in principle.

• Parts List(DEH-880RDS/EW)

lark	No.	Description	Part No.	Mark	No.	Description	Part No.
	1	••••			36	Button (1-6)	CAC3092
	2	• • • • •				Case	CNS2269
	3	Screw	BPZ20P060FMC		38	Screw	BMZ30P050FM0
	4	P. C. Board	CNP2647			Case	CNB1458
	5	P. C. Board				Insulator	CNM3193
	6	Socket	CKS2087		41	Spring	CBH1404
	7	Holder	CNC3716			Washer	WT22D050D050
	8	Connector	CNV2751			Lever	CNC3712
	9	Holder	CNV2749			Arm	CNC3711
		Lens	CNV2750			Button	CAC2878
	11	LCD	CAW1140		46	Arm	CNV2743
	12	Plug	CKS2360		47	Arm Unit	CXA4445
	13	Holder	CNV2752			Arm	CNV2745
	14	Lamp	CEL-147			Spring	CBH1405
	15	Bush	CNV-724			Bracket Unit	CXA4053
	16	Lamp(IL903-908)	CEL1013		51	Holder Unit	CXA4697
	17	Screw	BPZ20P080FMC		52	Shaft	CLA1906
	18	Spacer	CNM1642		53	Spring	CBH1403
\odot	19	Display Unit	CWX1397			Washer	YE15FUC
	20	Button	CAC3152		55	Detach Unit	CXA4444
		Cushion	CNM3363		56	Screw	BMZ20P040FZF
		Spring	CBH1407		57	Grille Unit	CXA4055
		Button (VOL)	CAC3093		58	Screw	BPZ20P100FZH
	24	Cushion	CNM3416		59	Cover	CNS2202
	25	Button(SHIFT)	CAC3146		60	Cover Unit	CXA4483
		Seal	CNM3345		61	Spacer	CNM3264
		Grille Unit	CXA4057		62	Lens	CNV2747
		Handle	CNC1631		63	Holder	CNC1484
		Button	CAC3258		64	Screw	BMZ26P040FMC
	30	Button (EJECT)	CAC3149	•	65	CD Mechanism Module	
		Cushion	CNM3362		66	Connector Unit	CXA4720
		Button (TA)	CAC3150	•	67	Holder	CNV2893
	33	Button(AF)	CAC3151			Heat Sink	CNR1202
	34	Button (SOURCE)	CAC3095			Screw	BMZ30P140FMC
	35	Button	CAC3148			Earth Plate	CNC4259



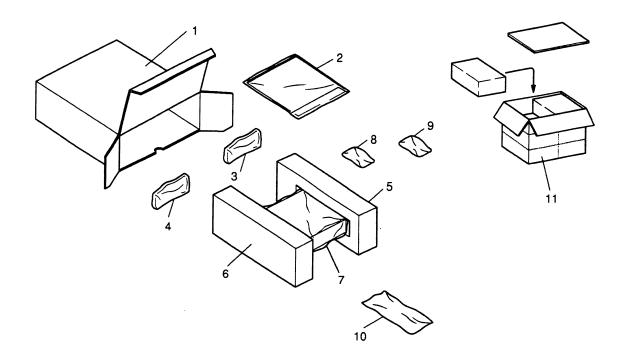
Mark	No.	Description	Part No.	Mark No.	Description	Part No.
	71	IC	HA13139	96	FM/AM Unit	CWE1238
	72	IC(IC951)	PA2019A	97	Antenna Jack	CKX1010
	73	Holder	CNC3708	98	Case	CNB1413
	74	Connector	CKS1534	99	Holder	CNC3506
•	75	Tuner Amp Unit	CWX1404	100	FM Front End	CWB1064
	76	Buzzer(BZ751)	CPV1010	101	Insulator	CNM2891
	77	Connector	CKS2149	102	Case	CNB1414
	78	Insulator	CNM3022	103	Screw	PMS20P060FMC
	79	Holder	CNC3850	104	Resistor	RS1/2P102JL
	80	Chassis Unit	CXA4052	105	••••	
	81	Cord	CDE3475	106	Cap	CNS1472
	82	• • • • •		107	Spacer	CNM3391
	83	Bracket	CNC4342	108	Plate	CNM3367
	84	• • • • •		109	Spacer	CNM3379
	85	Connector	CKM1090	110	Logic Unit	CWX1480
	86	••••		111	Spacer	CNM3395
	87	Plug	CKS1228	112	Spacer	CNM3392
	88	••••			Spacer	CNM3396
	89	Holder	CNC3849	114	Spacer	CNM3394
	90	Transistor(Q968)	2SD1944	115	Spacer	CNM3415
	91	Cord	CDE3269			
		Cap	CNW-829			
		Antenna Cable	CDH1129			
		Earth Plate	CNC4147			

Note:

● The DEH-890/EW and DEH-880/UC Parts Lists enumerate the parts which differ from those enumerated in the DEH-880RDS/EW Parts List only. The parts other than those enumerated in the former are indentical with those in the latter, to which you are requested to refer, accordingly. The DEH-880RDS/EW Parts List is given on page 34 and 35.

			DEH-880RDS/EW	DEH-890/EW	DEH-880/UC
Mark	No.	Description	Part No.	Part No.	Part No.
	1	Battery Cover	• • • •		CNS2197
*	2	Remote Control Assy			CXA4560
	11	LCD	CAW1140	CAW1141	CAW1141
	16	Lamp(IL903-908)	CEL1013	CEL1013	CEL1025
•	19	Display Unit	CWX1397	CWX1399	CWX1398
	27	Grille Unit	CXA4057	CXA4257	CXA4256
	32	Button (TA)	CAC3150		
	33	Button (AF)	CAC3151		
	39	Case	CNB1458	CNB1457	CNB1457
	68	Heat Sink	CNR1202	CNR1245	CNR1245
	71	IC	HA13139	PA3027A	PA3027A
	73	Holder	CNC3708	CNC3707	CNC3707
(75	Tuner Amp Unit	CWX1404	CWX1406	CWX1405
·	78	Insulator	CNM3022	CNM3406	CNM3406
	80	Chassis Unit	CXA4052	CXA4676	CXA4676
	81	Cord	CDE3475		
	82	Cord	••••	CDE3476	CDE3548
	83	Bracket	CNC4342	CNC4343	CNC4343
	85	Connector	CKM1090	CKM1091	CKM1091
	86	Plug	••••	CKS1224	CKS1224
	87	Plug	CKS1228		
	88	Spacer	••••	CNM3343	CNM3343
	91	Cord	CDE3269	CDE3479	CDE3677
	92	Cap	CNW-829		
	93	Cap	••••	CNW-829	CNW-829
	96	FM/AM Unit	CWE1238	CWE1239	CWE1240
	98	Case	CNB1413		
•	100	FM Front End	CWB1064	CWB1063	CWB1063
	101	Insulator	CNM2891		
	102	Case	CNB1414		
	105	Fuse(10A)		CEK1136	CEK1136
	110	Logic Unit	CWX1480		
•		-	i		

4. PACKING METHOD



*:Non spare part

	T	DEH-880RDS/EW	DEIL GOO /EM	DBU 000 /U0
Monte No	Description		DEH-890/EW	DEH-880/UC
Mark No.		Part No.	Part No.	Part No.
1	Carton	CHG2163	CHG2162	CHG2166
2-1	Owner's Manual	CRD1521	CRD1537	CRD1519
2-2	Owner's Manual	CRD1522	CRD1538	
* 2-3	Card	CRY-062	CRY-062	ARY1048
* 2-4	Caution Card	CRN1007		
* 2-5	Passport	CRY1013		
2-6	Polyethylene Bag	E36-618	E36-618	E36-618
3	Cord	CDE3269	CDE3479	CDE3677
4	Case	CNS2269	CNS2269	CNS2269
5	Styrofoam	CHP1463	CHP1463	CHP1463
		0111100	CIII 1403	CHF 1403
6	Styrofoam	CHP1462	CHP1462	CHP1462
7	Cover	CEG1092	CEG1092	CEG1092
8	Remote Control Assy			CXA4560
* 9-1	Battery			CEX1006
9-2	Fastener (Rough)			CNM3249
0.0				
9-3	Fastener (Soft)	••••	• • • • •	CNM3250
* 9-4	Polyethylene Bag		• • • • •	CEG-127
10	Accessory Assy	CEA1692	CEA1692	CEA1692
11	Contain Box	*CHL2163	*CHL2162	CHL2166

10	Accessory Assy	CEA1692
Mark No.	Description	Part No.
* 10-1	Screw Assy	CEA1105
10-1-1	Screw(×1)	CBA-102
10-1-2	Screw(×1)	CBA1002
10-1-3	$Nut(\times 2)$	NF50FMC
*10-1-4	Polyethylene Bag	CEG-127
10-2	Handle(×2)	CNC1631
10-3	Strap	CNF-111
10-4 Bush		CNV1917
* 10-5	Polyethylene Bag	CEG-158

2-1, 2-2 Owner's Manual

Fig. 12

Part No.	Model	Language
CRD1521	DEH-880RDS/EW	English, French, German, Spanish
CRD1522	DEH-880RDS/EW	Swedish, Norwegian, Dutch, Italian, Finnish
CRD1537	DEH-890/EW	English, French, Spanish
CRD1538	DEH-890/EW	Dutch, Swedish, Norwegian, Finnish
CRD1519	DEH-880/UC	English, French